

ABSTRACT

An object is to provide a high resolution, wide viewing angle, low power consumption liquid crystal display device which utilizes nematic liquid crystal and which can attain both the memory effect and wide-viewing-angle display characteristic.

A liquid crystal display device utilizes nematic liquid crystal and comprises a pair of transparent substrates (SUB1, SUB2); a group of electrodes for applying to a liquid crystal layer (LCL) disposed between the pair of substrates (SUB1, SUB2) an electric field having a component substantially parallel to the surfaces of the substrates; and an alignment layer disposed between the liquid crystal layer (LCL) and at least one of the pair of substrates (SUB1, SUB2) and having been subjected to liquid crystal anchoring treatments in plural directions. The plurality of liquid crystal anchoring directions of the alignment layer form substantially equal angles relative to one another, and a rising angle in each of the liquid crystal anchoring directions with respect to the corresponding substrate surface is substantially zero.